



Bureau of Air Quality Conditional Major Operating Permit

**Shaw Industries Group, Inc. (Plant No.78)
136 East Frontage Street
Aiken, SC 29802
Aiken County**

Pursuant to the provisions of the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Conditional Major Operating Permit request received on September 26, 2016, as amended. All official correspondence, plans, permit applications and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction or operating permit may be grounds for permit revocation.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: CM-0080-0101

Issue Date: DRAFT
Expiration Date: DRAFT

Effective Date: DRAFT
Renewal Due Date: DRAFT

**Steve McCaslin, P. E., Director
Engineering Services Division
Bureau of Air Quality**

| RECORD OF REVISIONS | |
|---------------------|------------------------|
| Date | Description of Changes |
| | |

DRAFT

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A. EMISSION UNIT DESCRIPTION

| Emission Unit ID | Emission Unit Description |
|-------------------------|--|
| 01 | Polymerization Process Units |
| 02 | Extruder Banks |
| 03 | Heat Setting Units |
| 04 | Boilers |
| 05 | VOID - Caprolactam Storage Tank |
| 06 | VOID - Fuel Oil Storage Tank |
| 07 | Cleaning Ovens |

B. EQUIPMENT AND CONTROL DEVICE(S)

B.1 EQUIPMENT FOR EMISSION UNIT 01 – POLYMERIZATION UNITS

| Equipment ID | Equipment Description | Installation/Modification Date | Control Device ID | Emission Point ID |
|---------------------|----------------------------------|---------------------------------------|--------------------------|--------------------------|
| PT-1 | Polymerization Process Unit No.1 | 1993 | None | PS-1 |
| PT-2 | Polymerization Process Unit No.2 | 1995 | None | PS-3 |

B.2 EQUIPMENT FOR EMISSION UNIT 02 – EXTRUDER BANKS

| Equipment ID | Equipment Description | Installation/Modification Date | Control Device ID | Emission Point ID |
|---------------------|---|---------------------------------------|--------------------------|--------------------------|
| EB-1 | Extruder Bank No.1 (Extruders 1-10) | 1993/2001 | CD-WS-1* CD-WS-2* | ES-1 |
| TB-1 | Texturizing/Spinning Drum No.1 | 1993/2001 | None | SD-1 |
| EB-2 | Extruder Bank No.2 (Extruders 11-20) | 1995/2001 | CD-WS-1* CD-WS-2* | ES-1 |
| TB-2 | Texturizing/Spinning Drum No.2 | 1995/2001 | None | SD-2 |

* Voluntary control devices

B.3 CONTROL DEVICE(S) FOR EMISSION UNIT 02 – EXTRUDER BANKS

| Control Device ID | Control Device Description | Installation/Modification Date | Pollutant(s) Controlled |
|--------------------------|--|---------------------------------------|--------------------------------|
| CD-WS-1 | 200 gpm, 7500 cfm Wet Scrubber No.1 (Voluntary) (10 extrusion lines/scrubber) | 1995/2001 | VOC (Caprolactam) |

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B.3 CONTROL DEVICE(S) FOR EMISSION UNIT 02 – EXTRUDER BANKS

| Control Device ID | Control Device Description | Installation/ Modification Date | Pollutant(s) Controlled |
|--------------------------|--|--|--------------------------------|
| CD-WS-2 | 200 gpm, 7500 cfm Wet Scrubber No.2 (Voluntary) (10 extrusion lines/scrubber) | 1995/2001 | VOC (Caprolactam) |

B.4 EQUIPMENT FOR EMISSION UNIT 03 – HEAT SETTING UNITS

| Equipment ID | Equipment Description | Installation/ Modification Date | Control Device ID | Emission Point ID |
|---------------------|--------------------------------|--|--------------------------|--------------------------|
| S | Suessen Heatsetting Unit No.1 | 1994/2013/2017 | CD-WS-3 | WS3-S1 |
| Z | Suessen Heatsetting Unit No.2 | 1994/2013/2017 | CD-WS-3 | WS3-S1 |
| P | Suessen Heatsetting Unit No.3 | 2008/2013 | CD-WS-3 | WS3-S1 |
| O | Suessen Heatsetting Unit No.4 | 2008/2013 | CD-WS-3 | WS3-S1 |
| X | Suessen Heatsetting Unit No.5 | 2008/2013 | CD-WS-3 | WS3-S1 |
| M | Suessen Heatsetting Unit No.6 | 2008/2013 | CD-WS-3 | WS3-S1 |
| N | Suessen Heatsetting Unit No.7 | 2008/2013 | CD-WS-3 | WS3-S1 |
| Q | Suessen Heatsetting Unit No.8 | 2009/2013 | CD-WS-3 | WS3-S1 |
| L | Suessen Heatsetting Unit No.9 | 2009/2013 | CD-WS-3 | WS3-S1 |
| K | Suessen Heatsetting Unit No.10 | 2009/2013 | CD-WS-3 | WS3-S1 |
| R | Suessen Heatsetting Unit No.11 | 2009/2013 | CD-WS-3 | WS3-S1 |

B.5 CONTROL DEVICE(S) FOR EMISSION UNIT 03 – HEAT SETTING UNITS

| Control Device ID | Control Device Description | Installation/ Modification Date | Pollutant(s) Controlled |
|--------------------------|-----------------------------------|--|--------------------------------|
| CD-WS-3 | 5 Stage Wet Scrubber No.3 | 2008 | VOC (Caprolactam) |

B.6 EQUIPMENT FOR EMISSION UNIT 04 – BOILERS

| Equipment ID | Equipment Description | Installation/ Modification Date | Control Device ID | Emission Point ID |
|---------------------|------------------------------|--|--------------------------|--------------------------|
| B-1 | Boiler No.1 | 1993/2014 | None | BS-1 |
| B-2 | Boiler No.2 | 1993/2014 | None | BS-2 |

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| Equipment ID | Equipment Description | Installation/ Modification Date | Control Device ID | Emission Point ID |
|---------------------|------------------------------|--|--------------------------|--------------------------|
| SP-01 | Cleaning Oven SP-01 | 2007 | CD-AB | SP-01 |
| SP-02 | Cleaning Oven SP-02 | 2007 | CD-AB | SP-02 |

B.8 CONTROL DEVICE(S) FOR EMISSION UNIT 07 – CLEANING OVENS

| Control Device ID | Control Device Description | Installation/ Modification Date | Pollutant(s) Controlled |
|--------------------------|-----------------------------------|--|--------------------------------|
| CD-AB | 0.3E+06 Btu/hr Afterburner | 2007 | PM, VOC (Caprolactam) |

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

| Condition Number | Conditions |
|-------------------------|---|
| C.1 | <p>Emission Unit ID: Facility Wide Equipment ID: Facility Wide Control Device ID: Facility Wide</p> <p>(S.C. Regulation 61-62.1, Section II.G) This facility is a potential major source for VOC emissions. The facility has agreed to federally enforceable operating limitations to limit its potential to emit to less than 100 tons per year for VOC emissions to avoid PSD and Title V.</p> <p>The owner/operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, and any other records necessary to determine VOC emissions. VOC emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC emissions. Facility-wide emission totals must include emissions from exempt activities. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 100 tons. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted annually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.</p> |
| C.2 | <p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> |

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

| Condition Number | Conditions |
|------------------|---|
| | (S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request. |
| C.3 | <p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> <p>For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality.</p> |
| C.4 | <p>Emission Unit ID: 01 - 03 Equipment ID: All Control Device ID: All</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p> |

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

| Condition Number | Conditions |
|------------------|---|
| C.5 | <p>Emission Unit ID: 03 Equipment ID: All Control Device ID: CD-WS-3</p> <p>(S.C. Regulation 61-62.1, Section II.J.2) A source test shall be conducted every two (2) years from the date of the initial source test. The source test will be used to verify the control efficiency and VOC (Caprolactam) emissions from Wet Scrubber No.3.</p> <p>The owner/operator shall operate the source(s) within the parameter(s) established during the most recent satisfactory source tests. A copy of the most recent Department issued source test summary letter(s) that established the parameter(s) shall be maintained with the operating permit.</p> |
| C.6 | <p>Emission Unit ID: 03 Control Device ID: CD-WS-3</p> <p>The owner/operator shall continue to operate and maintain pressure drop indicators on each scrubber module. The monitored parameter shall be recorded daily during source operation. Operation and maintenance checks shall be made on at least a weekly basis. The scrubber shall be in place and operational whenever processes controlled by it are running, except during periods of scrubber malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters have been established to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment. The facility shall maintain the established ranges and supporting documentation for these monitored parameters. Operating ranges may be updated following submittal to the Director of Engineering Services.</p> |
| C.7 | <p>Emission Unit ID: 03 Control Device ID: CD-WS-3</p> <p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted annually. If no incidences occurred during the reporting period, then a letter shall indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Department and shall be incorporated into the permit as set forth in S.C. Regulation 61-62.1 Section</p> |

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

| Condition Number | Conditions |
|------------------|--|
| | II. |
| C.8 | <p>Emission Unit ID: 04 Equipment ID: B-1, B-2</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning source(s) shall not discharge into the ambient air smoke which exceeds opacity of 20%. The opacity limit may be exceeded for sootblowing, but may not be exceeded for more than 6 minutes in a one hour period nor be exceeded for more than a total of 24 minutes in a 24 hour period. Emissions caused by sootblowing shall not exceed an opacity of 60%.</p> <p>Owners and operators shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. In addition, the owner or operator shall maintain a log of the time, magnitude, duration, and any other pertinent information to determine periods of startup and shutdown and make available to the Department upon request.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from this/these source(s) is 0.6 pounds per million BTU input.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO₂) resulting from this/these source(s) is 2.3 pounds per million BTU input.</p> <p>These source(s) are permitted to burn only natural gas and No. 2 fuel oil as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p> |
| C.9 | <p>Emission Unit ID: 04 Equipment ID: B-1, B-2</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section V) The allowable discharge of NO_x resulting from each source is 0.065 pound per million BTU when burning natural gas, and 0.1 pound per million BTU when burning No. 2 fuel oil.</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section VII) The owner or operator shall perform tune-ups every twenty-four (24) months in accordance with manufacturer's specifications or with good engineering practices. The first tune-up shall be conducted no more than twenty-four (24) months from replacement of a burner assembly for affected existing sources. Each subsequent tune-up shall be conducted no more than twenty-four (24) months after the previous tune-up.</p> <p>All tune-up records are required to be maintained on site and available for inspection by the Department for a period of five (5) years from the date generated.</p> <p>The owner or operator shall develop and retain a tune-up plan on file.</p> |

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| Condition Number | Conditions |
|-------------------------|--|
| C.10 | <p>Emission Unit ID: 04 Equipment ID: B-1, B-2</p> <p>These sources are subject to New Source Performance Standard (NSPS), 40 CFR 60, Subpart A, General Provisions and Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units and S.C. Regulation 61-62.60, Subparts A and Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, as applicable. The owner/operator shall comply with all applicable requirements of Subparts A and Dc.</p> <p>The owner/operator shall record and maintain records of the amounts and types of each fuel combusted by these sources. The amount and type of fuel combusted shall be recorded monthly. As an alternative, the owner/operator may record and maintain records of the total amount of each source's fuel delivered to the facility during each calendar month.</p> <p>Compliance with the fuel sulfur limit shall be demonstrated by the fuel supplier's certification as specified in 40 CFR 60.48c(f). Records of these certifications shall be kept on site. Reports shall be submitted every six-month period. The reports shall consist of the fuel certification records and a signed statement from the owner/operator that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.</p> |
| C.11 | <p>Emission Unit ID: 07 Equipment ID: SP-01, SP-02 Control Device ID: CD-AB</p> <p>(S.C. Regulation 61-62.5, Standard No. 3, Section III.I.3) Emissions from these sources shall not exhibit an opacity greater than 20%, each. The owner/operator shall maintain records documenting the contaminant being removed and possible emissions from the process shall be maintained and made available for Department review.</p> |

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY - RESERVED**E. NESHAP - CONDITIONS - RESERVED****F. PERMIT FLEXIBILITY**

| Condition Number | Conditions |
|-------------------------|---|
| F.1 | The facility may install exempt sources as allowed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the operating permit. The addition of these sources is allowed without a |

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F. PERMIT FLEXIBILITY

| Condition Number | Conditions |
|-------------------------|---|
| | construction permit except when the activity triggers a new operating permit status (i.e. does not potentially subject the facility to the Title V operating permit program) and/or any activity triggers major source or synthetic minor permitting requirements. A list of exempt sources must be maintained on site, along with any necessary documentation to support the determination that the source is exempt, and shall be made available to a Department representative upon request. The list and necessary documentation shall be submitted with the next renewal application. Emissions from these sources shall be reflected in the facility-wide emissions tabulation in any subsequent construction permit application. |

G. AMBIENT AIR STANDARDS REQUIREMENTS

| Condition Number | Conditions |
|-------------------------|---|
| G.1 | <p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p> |

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| Compliance Monitoring Report Submittal Frequency | Reporting Period (Begins on the effective date of the permit) | Report Due Date |
|---|--|---|
| Quarterly | January-March April-June July-September October-December | April 30 July 30 October 30 January 30 |
| Semiannual | January-June April-September July-December October-March | July 30 October 30 January 30 April 30 |
| Annual | January-December April-March July-June October-September | January 30 April 30 July 30 October 30 |

Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified in the federal standard unless the Department or EPA approves a change.

I. REPORTING CONDITIONS

| Condition Number | Conditions |
|-------------------------|---|
| I.1 | Reporting required in this permit, shall be submitted in a timely manner as directed in the Periodic Reporting Schedule of this permit. |
| I.2 | All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: 2600 Bull Street Columbia, SC 29201 The contact information for the local EQC Regional office can be found at: http://www.scdhec.gov |
| I.3 | Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality. |
| I.4 | (S.C. Regulation 61-62.1, Section II.J) For sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Quality Control Regional office within 24 hours after the beginning of the occurrence. The owner/operator shall also submit a written report within 30 days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality and |

Shaw Industries Group, Inc. (Plant No.78)**CM-0080-0101****Page 12 of 14****I. REPORTING CONDITIONS**

| Condition Number | Conditions |
|-------------------------|---|
| | shall include, at a minimum, the following: <ol style="list-style-type: none">1. The identity of the stack and/or emission point where the excess emissions occurred;2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;3. The time and duration of excess emissions;4. The identity of the equipment causing the excess emissions;5. The nature and cause of such excess emissions;6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;7. The steps taken to limit the excess emissions; and,8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions. |

J. GENERAL CONDITIONS

| Condition Number | Conditions |
|-------------------------|---|
| J.1 | The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning." |
| J.2 | The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes." |
| J.3 | The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions." |
| J.4 | This permit only covers emission units and control equipment while physically present at the indicated facility. Unless the permit specifically provides for the equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted facility, notwithstanding the expiration date specified on the permit. |
| J.5 | The permittee shall pay permit fees to the Department in accordance with the requirements of S.C. Regulation 61-30, Environmental Protection Fees. |
| J.6 | In the event of an emergency, as defined in S.C. Regulation 61-62.1, Section II.L, the owner or operator may document an emergency situation through properly signed, contemporaneous operating logs, and other relevant evidence that verify: <ol style="list-style-type: none">1. An emergency occurred, and the owner or operator can identify the cause(s) of the emergency;2. The permitted source was at the time the emergency occurred being properly operated;3. During the period of the emergency, the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and4. The owner or operator gave a verbal notification of the emergency to the Department within 24 hours of the time when emission limitations were exceeded, followed by a written report within 30 days. The written report shall include, at a minimum, the information required by |

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| Condition Number | Conditions |
|-------------------------|---|
| | <p>S.C. Regulation 61-62.1, Section II.J.1.c.i through viii. The written report shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement.</p> |
| J.7 | <p>(S.C. Regulation 61-62.1, Section II.O) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none">1. Enter the facility where emissions-related activity is conducted, or where records must be kept under the conditions of the permit.2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.4. As authorized by the Federal Clean Air Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. |

K. PERMIT RENEWAL, MODIFICATION, EXPIRATION AND TRANSFER OF OWNERSHIP

| Condition Number | Conditions |
|-------------------------|---|
| K.1 | <p>(S.C. Regulation 61-62.1, Section II.H) The owner or operator shall submit an operating permit renewal request to the Department within 90 days prior to the operating permit expiration date. The operating permit renewal requests shall include a description of any changes at the facility that have occurred since issuance of the last operating permit that may affect the operating permit or operating permit review. In general, the description shall include any addition, alteration or removal of sources, including sources exempt from construction permit requirements; addition, alteration or removal of emission limitations; any changes to monitoring, recordkeeping, or reporting requirements; and any changes or additions to special permit conditions.</p> |
| K.2 | <p>Submission of a request for renewal meeting the requirements in S.C. Regulation 61-62.1, Section II.H, shall allow the owner or operator to continue operating pursuant to the most recent operating permit, until such time as the Department has taken final action on the request for renewal.</p> |
| K.3 | <p>This permit may be reopened by the Department for cause or to include any new standard or regulation which becomes applicable to a source during the life of the permit.</p> |
| K.4 | <p>This permit may be modified by the Department for cause, to include any applicable requirement or to add or alter a permit's expiration date.</p> |
| K.5 | <p>(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Engineering Services a written request for transfer of the source operating or construction permits.</p> |

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K. PERMIT RENEWAL, MODIFICATION, EXPIRATION AND TRANSFER OF OWNERSHIP

| Condition Number | Conditions |
|------------------|--|
| | The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department. |

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

| AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2 | | | | | | |
|--|-------------------------|-------------------|-----------------|-----------------|------|----------|
| Emission Point ID | Emission Rates (lbs/hr) | | | | | |
| | PM ₁₀ | PM _{2.5} | SO ₂ | NO _x | CO | Lead |
| Boiler 1 | 0.413 | 0.280 | 0.040 | 3.57 | 2.07 | 2.26E-04 |
| Boiler 2 | 0.413 | 0.280 | 0.040 | 3.57 | 2.07 | 2.26E-04 |

| TOXIC AIR POLLUTANTS – STANDARD NO. 8 | | | | | |
|---------------------------------------|-------------------------|-----|-----|-----|-----|
| Emission Point ID | Emission Rates (lbs/hr) | | | | |
| | Caprolactam 105-60-2 | N/A | N/A | N/A | N/A |
| ES-1 | 1.55 | | | | |
| ES-2 | 1.55 | | | | |
| WS3-S1 | 2.21 | | | | |
| PS-1 | 3.16 | | | | |
| PS-3 | 3.16 | | | | |